REMARKS

Claims 1, 11, 15-17, and 21-27 are pending in the application. Claims 2-10, 12-14, and 18-20 have all been canceled without prejudice or disclaimer. Claims 1, 22, and 24 have been amended to emphasize that the only power supplied is from the battery as disclosed at page 7, lines 4-13, considered with Figs 2-3. New claims 25-27 have been added as to the operation disclosed relative to Fig. 3, where the loss of detection of the carrier wave by the antenna coupled with the IC card reader/writer 2 end of communication (page 7, 18-20) leads to termination of battery power by regulator 14. Thus, no new matter is included.

Applicant request a personal interview be scheduled prior to the issuance of a first Office Action.

Claim Objections

Claims 11 and 15 have been objected to because of informalities.

In view of this, claims 11 and 15 have been amended to overcome this objection.

The Examiner is respectfully requested to reconsider and withdraw this objection.

Claim Rejections - 35 U.S.C. § 112

Claims 12-14 have been rejected under 35 U.S.C. § 112, second paragraph, because it is asserted to be not clear whether the detection means is detecting only the carrier wave or the electromagnetic wave or both. This rejection is respectfully submitted to be moot as claims 12-14 (and claims 18-20 dependent from claims 12-14) have been canceled.

Claim Rejections - 35 U.S.C. § 102

Claims 1, 11, 15-17, and 21-24 have been rejected under 35 U.S.C. § 102(b) as being anticipated by Arisawa et al. (U.S. Published Patent Application No. 2003/0141989, hereinafter "Arisawa"). This rejection is respectfully traversed.

Claim 1 has been amended to in part recite:

...wherein said communication circuit receives communication information via an electromagnetic wave received by said antenna, and power from the battery being a sole source of all drive power supplied to the communication circuit, (Emphasis added.)

Independent claims 22 and 24 have also been amended in a similar manner.

In rejecting independent claim 1, page 4 of the outstanding Action asserts reliance on control logic 163 relative to controlling the drive power being supplied to the communication circuit. However, independent claim 1 has been amended to clarify that, as noted above, "power from the battery being a sole source of all drive power supplied to the communication circuit" (emphasis added). Contrary to this requirement, paragraph [0041] of Arisawa notes that:

> In the present invention, the output (power generated from a carrier wave) of the power-supply control circuit 138 is supplied to a terminal V_{DD}. On the other hand, the power from the battery is also supplied to the terminal V_{DD} via the power-supply control circuit 138 in a similar manner. One of these two power supplies is selected according to a logical combination of a signal P_{ON} from the cellular phone (controller (not shown)) and a signal VR from the carrier-wave detector 134.

In addition, note the "seamlessly" switching of power supplies discussed in paragraph [0047]. Thus, Arisawa fails to disclose the claimed "power from the battery being a sole source of all drive power supplied to the communication circuit" (emphasis added).

Claims 11, 15, 16, 17, and 21, variously dependent on claim 1, are allowable at least for their dependency on claim 1.

Independent claims 22 and 24 are allowable at least for the similar reasons as stated in the foregoing with regard to claim 1.

Claim 23, dependent on claim 22, is allowable at least for its dependency on claim 22.

The Examiner is respectfully requested to reconsider and withdraw this rejection.

Claim Rejections - 35 U.S.C. § 103

Claims 12-14 and 18-20 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Arisawa in view of Suga et al. (USP 6,321,067). This rejection is noted to be moot as claims 12-14 and 18-20 have been canceled.

New Claims 25-27

New claims 25-27 are independent claims that are similar to independent claims 1, 22, and 24 but add that when the terminal device is communicating with a reader/writer, drive power is supplied from the battery to the communication circuit while the carrier wave is also detected.

On the other hand, when the terminal device is communicating with a reader/writer, drive power is cut off from the battery to the communication circuit when the carrier wave is no longer detected.

As explained relative to Fig.7 of Arisawa, even if the detector 134 no longer detects the carrier wave and VR=0, this does not always result in turning SW_{cont} "OFF" in a read/write mode because even when VR is "0," if P_{on} is "1," SW_{cont} is "ON." Thus, drive power from the battery to the communication circuit is clearly **not** cut off **when** there is no detection of the carrier wave by 134 while in read/write mode with the cellular phone controller (not shown) on so that P_{on}=1.

Thus new independent claims 25-27 are respectfully submitted to be allowable over Arisawa.

CONCLUSION

Accordingly, in view of the above amendments and remarks, reconsideration of the rejections and allowance of the pending claims in the present application are respectfully requested.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Raymond F. Cardillo , Jr. Reg. No. 40,440 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

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Respectfully submitted,

By _____

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